



Implementing the Capabilities-Based Process

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Glenn F. Lamartin

Director, Defense Systems

Office of the Under Secretary of Defense (AT&L)



USD(AT&L) Imperatives

- “Provide a context within which I can make decisions about individual programs.”
- “Achieve credibility and effectiveness in the acquisition and logistics support processes.”
- “Help drive good systems engineering practice back into the way we do business.”



Defense Systems Organizational Response

- Instituted a new Systems Integration organization
 - Leading development of systems views of integrated architectures
 - Leading development of integrated plans and/or roadmaps
 - Implementing DAB reviews for Capability Areas
- Warfare offices tailoring the application of DoD 5000
 - Leading IPT process for program oversight and review
 - Helping programs succeed and transition to new process
- Instituted a new Systems Engineering organization
 - Reinvigorating and focusing systems engineering in the Department of Defense
 - Adapting systems engineering to address families-of-systems and systems-of-systems



What Defense Systems is Doing

- Initial JCIDS implementation with Joint Staff and Functional Capability Boards (FCBs)
 - First-order functional architectures based on warfighter concepts
 - Initial definition of future joint capabilities based on functional architecture
 - Mapping of current systems to future capabilities
 - Assessment of gaps and duplications
- Systems data compilation begins Jan 04 with Services
 - Will analyze with FCBs, to include Service participation



What Defense Systems is Doing (cont)

- Working with USJFCOM on Joint Battle Management Command & Control Roadmap (Final expected Feb 04)
- Chaired C4ISR Review of Future Combat Systems for DAB review to look at cross-system, -platform, and -service matters
- Conducting first Capability Area DAB review on Air & Missile Defense
- Leading system engineering assessments of individual programs (e.g., Joint Strike Fighter, Joint Tactical Radio System, AWACS, Supersonic Sea Skimming Target) to promote best practices



Summary

- We are on track to meet DoD imperatives in support of transformation
 - Context for decisions
 - Credibility in processes
 - Systems engineering
- Policy, requirements, acquisition, and budget processes retooled to enable joint interoperability
- There remains much **collaborative** work to do
 - Implementing concepts to support decision making
 - Working relationships under new paradigm
 - Transitioning legacy efforts
- We look forward to the challenges before us